

CLAIMS

I claim:

Claims 1 - 32 (withdrawn from prosecution per restriction requirement).

Claim 33 (original): A cheek pouch anchor,
for placement within a user's cheek pouch to maintain positioning of a work piece in a
user's mouth while a user's jaws, inter occlusal space, and lips open and close,
comprising:

A spring element adapted

- to be placed within a user's cheek pouch, and

- to compress as a user's jaws close, and

- to resiliently expand so as to form and maintain a span bridging across a user's
inter occlusal space and a user's lip opening formed as a user's jaws and lips
open and close, and

- to receive joinder to a work piece, and

having structural strength sufficient, when joined to a work piece, to maintain placement
within a user's cheek pouch while a user's lips and jaws open and close.

Claim 34 (original): The cheek pouch anchor of claim 33 wherein said spring element
is formed of at least one of the following:

metal,

plastic,

resilient monofilament plastic line.

Claim 35 (original): The cheek pouch anchor of claim 33 further comprising:

said cheek pouch anchor is joined with a conduit for a fluid, which conduit is
adapted for placement at least partially in a user's cheek pouch.

1 Claim 36 (original): The cheek pouch anchor of claim 33 wherein said spring element
2 comprises:
3 a resilient filament
4 - which is configured into a plurality of connected loops, each loop having
5 a loop span size, and
6 -said plurality of loops are combined to form a whole spring element with
7 a whole spring element span size, and
8 - each one of said plurality of loop span sizes is mutually adjustable
9 relative to at least one other of said loop span sizes, such that an increase or decrease
10 in the loop span size of any one of said plurality of loops results in a converse decrease
11 or increase in the loop span size of at least one other of said plurality of loops,
12 thereby enabling adjustment of said whole spring element span size by said mutual
13 adjustment within said plurality of loop span sizes.
14
15 Claim 37 (original): The cheek pouch anchor of claim 33, improved to dispense a
16 substance within a user's mouth, wherein said spring element is adapted to receive
17 impregnation or coating with a substance which is to be released in a user's mouth.

1 Claim 38 (Added by Preliminary Amendment): A cheek pouch anchor, for placement
2 within a user's cheek pouch, comprising:
3 A spring element adapted
4 - to be placed within a user's cheek pouch, and
5 - to compress as a user's jaws close, and
6 - to resiliently expand so as to form and maintain a span
7 --- bridging across such user's inter occlusal space as such user's
8 jaws open, and
9 --- bridging across such user's lip opening formed as such user's
10 lips open, and
11 - to receive impregnation or coating with a substance which is to be
12 released within such user's mouth,
13 whereby said spring element is enabled to maintain its placement within a user's cheek
14 pouch and to release such substance while such user's lips and jaws remain free to
15 open and close.

1 Claim 39. (new) An adjustable cheek pouch anchor, for placement within a user's
2 cheek pouch to maintain positioning of a work piece in a user's mouth while a user's
3 jaws, inter occlusal space, and lips open and close, comprising:
4 a spring element formed of a resilient filament
5 sized to fit within a user's cheek pouch, and
6 having a dynamic span
7 that is resiliently expandable within a user's cheek pouch to maintain a
8 bridge across a user's inter occlusal space and lip opening that form as a
9 user's jaws open, and
10 that is flexibly compressible to allow a user's jaws and lips to fully close
11 while said spring element is within a user's cheek pouch, and
12 capable of receiving attachment of a work piece, and
13 having structural strength that is sufficient for said spring element to maintain
14 itself, with a work piece attached to it, within a user's cheek pouch while a user's
15 jaws open and close; and
16 said resilient filament
17 is configured into a plurality of connected loops
18 each such loop having a loop span size, and
19 each such loop span size having a range of expansion and compression,
20 and
21 said plurality of connected loops form a whole spring element having a whole
22 spring element span size, and
23 said whole spring element span size having a range of expansion and
24 compression, and
25 said range of expansion and compression of least one of said loop span
26 sizes of said plurality of connected loops is adjustable relative to at least
27 one other of said loop span sizes, and
28 said connected loops translate an adjustment in said range of expansion and
29 compression of the loop span size of at least one of said plurality of connected
30 loops into an adjustment in said range of expansion and compression of said
31 whole spring element span size.

1 Claim 40. (new) A cheek pouch anchor, for placement within a user's cheek pouch and
2 releasing a substance in a user's mouth, comprising:
3 A spring element
4 sized to fit within a user's cheek pouch, and
5 having a dynamic span
6 that is resiliently expandable within a user's cheek pouch to maintain a
7 bridge across a user's inter occlusal space and lip opening that form as a
8 user's jaws open, and
9 that is flexibly compressible to allow a user's jaws and lips to fully close
10 while said spring element is within a user's cheek pouch, and
11 having the capability to carry a substance, and
12 having structural strength that is sufficient for said spring element, while carrying
13 the substance, to maintain itself within a user's cheek pouch while a user's jaws
14 open and close, and
15 having the capability to release the some portion of the substance into the user's
16 mouth.
17

ABSTRACT

The cheek pocket anchor, formed of a resilient filament, fits within a user's cheek pouch. The anchor dynamically spans a user's inter-occlusal space and lip opening as a user's jaws open and close. The anchor can be formed of inter-connected, adjustable loops to enable user adjustment of its whole span. It can stabilize a work piece, such as an airway, in a user's mouth. The cheek path airway fits a path between a user's lips and through the user's cheek pouch and rear-jaw gap, avoiding the user's bite. It provides supplemental air to a user's rear-mouth cavity independently of a user's nasal airways while a user's lips remain closed. It can be used in combination with mandibular jaw-control and tongue-control devices whereby the combination mitigates breathing restrictions in a user's nasal and throat airways. It can be manufactured in-line and folded by a user to fit the user's cheek pathway.